

## **WELL DECOMMISSIONING**

### **INSTRUCTIONS FOR USE OF SPECIFICATION 351**

#### **APPLICABILITY**

The work shall consist of sealing and permanent closure of a water well no longer in use.

This specification does not apply to closure of gas or oil wells, wells associated with coal mining, waste disposal, or public water supply wells.

#### **ITEMS TO BE INCLUDED IN SECTION 6 AND/OR DRAWINGS**

- a. Drawing depicting planned closure method. Suggest using one of the PA Standard Drawings, PA-076 thru -081.
- b. Use Construction Guide PA-2, "Well Decommissioning", and ASTM D5299 to develop specific steps associated with the selected drawing, or an equal resource.
- c. Requirements for disinfection, if needed.
- d. Location of the decommissioned well by latitude/longitude, township/range, or other geo-reference convention, of such precision that it can be readily located in the field, if required, in the future
- e. Date of completion of well decommissioning
- f. Name of landowner
- g. Name, title, and address of person responsible for well decommissioning
- h. Total depth of well
- i. Length of casing
- j. Length of casing removed or length of casing cut off below ground level
- k. Inside diameter of well bore or casing
- l. Type of casing material or schedule (e.g., standard weight steel, or PVC sch-80)
- m. Static water level measured from ground surface prior to decommissioning
- n. Types of materials used for filling and sealing, quantities used, depth intervals for emplacement of each type, and emplacement method used.

#### **ADDITIONAL GUIDANCE**

Construction Guide PA-2, "Well Decommissioning"

Current "Ground Water Monitoring Guidance Manual" by PA DEP, Ch. 7 Well Abandonment Procedures